

Detailed Facility Report

Facility Summary

**ALCOA-ROCKDALE
OPERATIONS
MARKET ROAD 1786,
ROCKDALE, TX 76567**

FRS (Facility Registry Service) ID:

110008144025

EPA Region: 06

Latitude: 30.574194

Longitude: -97.049361

Locational Data Source: NPDES

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	--
Date of Last Inspection	12/16/2015
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	CWA
Insp (5 Years)	2
Date of Last Inspection	01/09/2020
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	2
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	12/13/2013
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Major (TX0000004833100001)
Clean Water Act (CWA): Minor, (TXU000557), Major, Permit Effective (TX0000876)
Resource Conservation and Recovery Act (RCRA): Inactive Other (TXR000079028), Active LQG (TXD008091712)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): 76567LMNMC SANDO
Compliance and Emissions Data Reporting Interface (CEDRI): CEDRI123188

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110008144025					N	30.574194	-97.049361
ICIS		33616					N		
ICIS-Air	CAA	TX0000004833100001	Major Emissions	Operating	CAAMACT, CAANSPS, CAANSR, CAAPSD, CAASIP, CAATVP		N	30.574194	-97.049361
CEDRI	CAA	CEDRI123188					N		
ICIS-NPDES	CWA	TXU000557	Minor: Unpermitted Facility				N	30.553889	-97.051111
ICIS-NPDES	CWA	TX0000876	Major: NPDES Individual Permit	Effective		05/29/2025	N	30.566388	-97.063611
TRI	EP313	76567LMNMC SANDO	Toxics Release Inventory	Last Reported for 2014			N	30.574194	-97.049361
RCRAInfo	RCRA	TXR000079028	Other	Inactive ()			N		
RCRAInfo	RCRA	TXD008091712	LQG	Active (H)			N	30.530766	-97.07373

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110008144025	ALCOA-ROCKDALE OPERATIONS	MARKET ROAD 1786, ROCKDALE, TX 76567	Milam County
ICIS		33616	ALUMINUM CO OF AMERICA, INC. - ROCKDALE OPERATIONS	FM 1786, ROCKDALE, TX 76567	Milam County
ICIS-Air	CAA	TX0000004833100001	ALCOA ROCKDALE OPERATIONS	4069 CHARLES MARTIN HALL RD, ROCKDALE, TX 76567	Milam County
CEDRI	CAA	CEDRI123188	ALCOA INC	MARKET ROAD 1786, ROCKDALE, TX 76567	Milam County
ICIS-NPDES	CWA	TXU000557	ALUMINUM COMPANY OF AMERICA	MARKET ROAD 1786, ROCKDALE, TX 76567	Milam County
ICIS-NPDES	CWA	TX0000876	ALCOA-ROCKDALE OPERATIONS	3990 CHARLES MARTIN HALL RD, ROCKDALE, TX 76567	Milam County
TRI	EP313	76567LMNMC SANDO	ALCOA INC	FM 1786 OFF RT 79, ROCKDALE, TX 76567	Milam County
RCRAInfo	RCRA	TXR000079028	THREE OAKS MINE SHOP FACILITIES	FM 1786 5 MILES SOUTH OF US HW, ROCKDALE, TX 76567	Milam County
RCRAInfo	RCRA	TXD008091712	ALCOA ROCKDALE OPERATIONS	4069A CHARLES MARTIN HALL RD, ROCKDALE, TX 76567	Milam County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	76567LMNMC SANDO	1221	Bituminous Coal And Lignite - Surface
TRI	76567LMNMC SANDO	3334	Primary Aluminum
TRI	76567LMNMC SANDO	3354	Aluminum Extruded Products
ICIS-NPDES	TX0000876	3334	Primary Aluminum
ICIS-NPDES	TX0000876	4911	Electric Services
NPDES	TX0000876	3334	Primary Aluminum
ICIS-NPDES	TXU000557	5093	Scrap And Waste Materials
NPDES	TXU000557	5093	Scrap And Waste Materials

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	76567LMNMC SANDO	331311	Alumina Refining
TRI	76567LMNMC SANDO	331312	Primary Aluminum Production
TRI	76567LMNMC SANDO	331313	Alumina Refining and Primary Aluminum Production
ICIS-Air	TX0000004833100001	331312	Primary Aluminum Production
ICIS-Air	TX0000004833100001	331314	Secondary Smelting and Alloying of Aluminum
RCRAInfo	TXD008091712	331313	Alumina Refining and Primary Aluminum Production
RCRAInfo	TXR000079028	212322	Industrial Sand Mining

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Compliance Monitoring History (5 years)

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Three-Year Compliance History by Quarter

[illegible]

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
120701020201	Reece Creek-East Yegua Creek	EAST YEGUA CREEK, UNNAMED TRIB;EAST YEGUA CK; YEGUA CK	No	No		Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
TX	2020	TX-1212B_02	East Yegua Creek	Unknown			Not Assessed		Not Assessed	Not Assessed

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
No data records returned				

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Pollution Prevention Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
76567LMNMCSANDO	2014	31,200		0		31,216	62,416	
76567LMNMCSANDO	2013	94,452		0		38,946	133,398	
76567LMNMCSANDO	2012	120,476		0		38,946	159,422	
76567LMNMCSANDO	2011	262,000		0		91,000	353,000	
76567LMNMCSANDO	2010	264,000		0			264,000	

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
1,1,1-Trichloroethane										
Aluminum (fume or dust)						62,416	133,398	159,422	353,000	264,000
Aluminum oxide (fibrous forms)										
Barium compounds (except for barium sulfate (CAS No. 7727-43-7))										
Benzo[g,h,i]perylene										
Beryllium										
Carbonyl sulfide										
Chlorine										
Chromium										
Chromium compounds (except for chromite ore mined in the Transvaal Region)										
Copper										
Copper compounds										
Cyanide compounds										
Dioxin and dioxin-like compounds (in grams)										
Ethylene glycol										
Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)										
Hydrogen fluoride										
Lead compounds										
Manganese										
Manganese compounds										
Mercury compounds										
Nickel compounds										
Polycyclic aromatic compounds										
Selenium compounds										
Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)										
Thallium compounds										
Vanadium compounds										
Zinc compounds										

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ

community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	45.8
Ozone NATA Diesel PM	47.8
NATA Air Toxics Cancer Risk	46.8
NATA Respiratory Hazard Index (HI)	47.9
Traffic Proximity	47.2
Lead Paint Indicator	31.4
Superfund Proximity	52.8
Risk Management Plan (RMP) Proximity	50
Hazardous Waste Proximity	55.7
Wastewater Discharge Proximity	73.4

Number of EJ Indexes Above 80th Percentile
0

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	135
Population Density	5/sq.mi.
Percent Minority	12%
Households in Area	50
Housing Units in Area	59
Households on Public Assistance	7
Persons Below Poverty Level	81

Geography	
Radius of Selected Area	3 mi.
Center Latitude	30.574194
Center Longitude	-97.049361
Land Area	93%
Water Area	7%

Income Breakdown - Households (%)	
Less than \$15,000	9 (14.29%)
\$15,000 - \$25,000	9 (14.29%)
\$25,000 - \$50,000	13 (20.63%)

Age Breakdown - Persons (%)	
Children 5 years and younger	10 (7%)
Minors 17 years and younger	34 (25%)
Adults 18 years and older	101 (75%)
Seniors 65 years and older	24 (18%)

Race Breakdown - Persons (%)	
White	125 (93%)
African-American	0 (0%)
Hispanic-Origin	13 (10%)
Asian/Pacific Islander	1 (1%)
American Indian	5 (4%)
Other/Multiracial	5 (4%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	3 (2.88%)
9th through 12th Grade	10 (9.62%)
High School Diploma	49 (47.12%)
Some College/2-year	34 (32.69%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	8 (7.69%)

Income Breakdown - Households (%)	
\$50,000 - \$75,000	15 (23.81%)
Greater than \$75,000	17 (26.98%)